

ADD - 4-77
 CONFIDENTIAL
 PROPRIETARY FORMULA

U.S. DEPARTMENT OF LABOR
 Occupational Safety and Health Administration

Form Approved
 OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
 Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

CAPRODUCT

SECTION I

MANUFACTURER'S NAME Products Research & Chemical Corp.		EMERGENCY TELEPHONE NO. (213) 849-3992
ADDRESS (Number, Street, City, State, and ZIP Code) 2919 Empire Ave., Burbank, Calif. 91504		
CHEMICAL NAME AND SYNONYMS Polysulfide sealing compound.		TRADE NAME AND SYNONYMS PR-1422 Class A
CHEMICAL FAMILY N/A	FORMULA N/A	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST Calcium Dichromate	4	0.1mg/M	ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS Toluene	7	200ppm	FILLER METAL PLUS COATING OR CORE FLUX		
XXXXXX Methyl ethyl ketone	2	200ppm	OTHERS		
OTHERS Dimethyl formamide	2	10ppm			
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H ₂ O=1)	1.42
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	16.5%
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ = 1)	N/A
SOLUBILITY IN WATER	Insol.		
APPEARANCE AND ODOR Light brown syrup; toluene odor.			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	23°F (PMCC)	FLAMMABLE LIMITS	Lel	Uel
			1	7
EXTINGUISHING MEDIA Dry chemical, foam, CO ₂				
SPECIAL FIRE FIGHTING PROCEDURES				
UNUSUAL FIRE AND EXPLOSION HAZARDS Can emit toxic vapors.				

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	200 ppm
EFFECTS OF OVEREXPOSURE	Headache; possible skin irritation.
EMERGENCY AND FIRST AID PROCEDURES	
SKIN:	Wash thoroughly with soap and water.
EYES:	Wash out immediately with plenty of water; see a physician.
INHALATION:	Remove to fresh air.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
Can react with reducing materials.			
HAZARDOUS DECOMPOSITION PRODUCTS			
Oxides of sulfur; hydrogen sulfide, formic acid.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Wipe up with rags or paper towels; clean with MEK.
WASTE DISPOSAL METHOD	Closed containers in normal trash route. Do not incinerate.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)		
Air-supplied respirator in enclosed area.		
VENTILATION	LOCAL EXHAUST	SPECIAL
	Adequate to minimize vapors.	
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES	Gloves or hand cream.	EYE PROTECTION
OTHER PROTECTIVE EQUIPMENT		Chemical goggles optional.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Keep in closed containers in sheltered area.
	Keep away from heat and open flame.
OTHER PRECAUTIONS	Avoid prolonged skin contact. Avoid prolonged or repeated breathing of vapor.